

567-34.225(455B) CAIR NO_x ozone season allowance allocations.

The provisions in 40 CFR Part 96, Subpart EEEE, 96.341, as amended through April 28, 2006, are adopted by reference, except as indicated in this rule.

34.225(1) State trading budget. The provisions in 40 CFR 96.340 are not adopted by reference. The state's trading budget for annual allocations of CAIR NO_x ozone season allowances for each control period from 2009 through 2014 is 14,263 tons. The state's trading budget for annual allocations of CAIR NO_x ozone season allowances for each control period, starting in 2015, and for each control period thereafter, is 11,886 tons.

34.225(2) CAIR NO_x ozone season allowance allocations. The provisions in 40 CFR 96.342 are not adopted by reference. The provisions in this subrule for CAIR NO_x ozone season allowance allocations are adopted in lieu thereof.

a. The baseline heat input used with respect to CAIR NO_x ozone season allowance allocations under paragraph 34.225(2)"b" for each CAIR NO_x ozone season unit will be:

(1) For units commencing operation before January 1, 2001 (existing units), the average of the three highest amounts of the units' adjusted control period heat input (in mmBTU) for the five-month period from May 1 through September 30 (ozone season) for 2000 through 2004, with the adjusted control period heat inputs for each year calculated as follows:

1. If the unit is coal-fired during the year, the unit's control period heat input for such year is multiplied by 100 percent;

2. If the unit is oil-fired during the year, the unit's control period heat input for such year is multiplied by 60 percent; and

3. If numbered paragraphs "1" and "2" are not applicable to the unit, the unit's control period heat input for such year is multiplied by 40 percent.

(2) For units commencing operation on or after January 1, 2001, and commencing construction before January 1, 2006 (new units), the nameplate capacity of the generator being served, provided that if a generator is served by two or more units,

then the nameplate capacity will be attributed to each unit in equal fraction of the total nameplate capacity, multiplied by:

1. 7900 BTU/kW, if the unit is coal-fired for the year;
or
2. 6675 BTU/kW, if the unit is not coal-fired for the year.

b. (1) For each control period in 2009 and thereafter, but for no control period later than that control period required to meet the minimum timing requirements specified in 40 CFR 96.341(a) and 96.341(b), the department will allocate to all CAIR NO_x units with an ozone season baseline heat input as determined in subparagraph 34.225(2)"a"(1) for existing units a total amount of CAIR NO_x ozone season allowances equal to 95 percent for each control period from 2009 through 2014, and 97 percent for each control period in 2015 and thereafter, of the tons of NO_x ozone season emissions in the state trading budget specified in subrule 34.225(1).

(2) The department will allocate CAIR NO_x ozone season allowances to each CAIR NO_x ozone season unit under subparagraph 34.225(2)"b"(1) for existing units in an amount determined by multiplying the total amount of CAIR NO_x allowances allocated under subparagraph 34.225(2)"b"(1) by the ratio of the ozone season baseline heat input of such a CAIR NO_x unit to the total amount of ozone season baseline heat input of all such CAIR NO_x ozone season units and rounding to the nearest whole allowance as appropriate.

c. (1) For each control period in 2009 and thereafter, but for no control period later than is required to meet the minimum timing requirements set forth in 40 CFR 96.341(a) and 96.341(b), the department will allocate to all CAIR NO_x ozone season units with an ozone season baseline heat input as determined in subparagraph 34.225(2)"a"(2) for new units a total amount of CAIR NO_x ozone season allowances equal to 5 percent for each control period from 2009 through 2014, and 3 percent for each control period in 2015 and thereafter, of the tons of NO_x ozone season emissions in the state trading budget as specified in subrule 34.225(1).

(2) The department will allocate CAIR NO_x ozone season allowances to each CAIR NO_x ozone season unit under subparagraph 34.225(2)"c"(1) for new units in an amount determined by multiplying the total amount of CAIR NO_x ozone season allowances

allocated under subparagraph 34.225(2)"c"(1) by the ratio of the ozone season baseline heat input of such a CAIR NO_x ozone season unit to the total amount of ozone season baseline heat input of all such CAIR NO_x units and rounding to the nearest whole allowance as appropriate.

d. The unit allocations of CAIR NO_x ozone season allowances described in subparagraphs 34.225(2)"b"(2) and 34.225(2)"c"(2) are set forth in Tables 2A and 2B. Upon allocation, allowances may be tracked, transferred, banked and recorded as specified under 40 CFR 96.350 through 96.362 as amended through April 28, 2006.

Table 2A. Ozone Season NO_x Allocations for Existing Units in Tons Per Year

Facility ID	County	Unit ID	2009 - 2014	2015 and thereafter
Ames Story	Story	7	54	46
Ames Story	Story	8	158	134
Burlington Generating Station	Des Moines	1	549	467
Cedar Falls Gas Turbine	Black Hawk	1	0	0
Cedar Falls Gas Turbine	Black Hawk	2	4	3
Council Bluffs Energy Center	Pottawattamie	1	133	114
Council Bluffs Energy Center	Pottawattamie	2	191	163
Council Bluffs Energy Center	Pottawattamie	3	1822	1550
Dubuque Generation Station	Dubuque	1	104	88
Dubuque Generation Station	Dubuque	5	66	56
Dubuque Generation Station	Dubuque	6	14	12
Earl F Wisdom Generation Station	Clay	1	32	27
Electrifarm Turbines	Black Hawk	GT1	6	5
Electrifarm Turbines	Black Hawk	GT2	7	6
Electrifarm Turbines	Black Hawk	GT3	6	5
Fair Station	Muscatine	2	92	79
George Neal North	Woodbury	1	331	281
George Neal North	Woodbury	2	603	513
George Neal North	Woodbury	3	1189	1012
George Neal South	Woodbury	4	1522	1295
Lansing Generating Station	Allamakee	1	4	3
Lansing Generating Station	Allamakee	2	6	5
Lansing Generating Station	Allamakee	3	77	66
Lansing Generating Station	Allamakee	4	495	421
Lime Creek Combustion Turbines Station	Cerro Gordo	**1	2	2
Lime Creek Combustion Turbines Station	Cerro Gordo	**2	2	1
Louisa Station	Muscatine	101	1632	1389
Marshalltown	Marshall	**1	3	2
Marshalltown	Marshall	**2	3	2
Marshalltown	Marshall	**3	3	2
Milton L Kapp Generating Station	Clinton	2	486	414
Muscatine	Muscatine	8	201	171
Muscatine	Muscatine	9	441	375

Facility ID	County	Unit ID	2009 - 2014	2015 and thereafter
North Centerville Combustion Turbines	Appanoose	**1	1	1
North Centerville Combustion Turbines	Appanoose	**2	1	1
Ottumwa Generating Station	Wapello	1	1761	1498
Pella Station	Marion	6	28	24
Pella Station	Marion	7	35	30
Pella Station	Marion	8	0	0
Pleasant Hill	Polk	GT1	1	1
Pleasant Hill	Polk	GT2	1	1
Pleasant Hill	Polk	GT3	2	2
Prairie Creek Generating Station	Linn	3	134	114
Prairie Creek Generating Station	Linn	4	366	312
Riverside Station	Scott	9	252	214
Sixth Street Generating Station	Linn	2	54	46
Sixth Street Generating Station	Linn	3	54	44
Sixth Street Generating Station	Linn	4	44	38
Sixth Street Generating Station	Linn	5	83	71
Streeter Station	Black Hawk	7	40	34
Summit Lake Facility	Union	1G	4	3
Summit Lake Facility	Union	2G	5	4
Sutherland Generating Station	Marshall	1	95	81
Sutherland Generating Station	Marshall	2	94	80
Sutherland Generating Station Marshall 3 245 209	Marshall	3	245	209
Sycamore Turbines Polk GT1 6 5	Polk	GT1	6	5
Sycamore Turbines Polk	Polk	GT2	8	7

**Denotes an affected unit for which the unit ID is unavailable.

Table 2B. Ozone Season NO_x Allocations for New Units in Tons Per Year

Facility ID	County	Unit ID	2009 - 2014	2015 and thereafter
Ames	Story	GT2	22	11
Council Bluffs Energy Center	Pottawattamie	4	311	155
Earl F Wisdom Generation Station	Clay	2	32	16
Emery Station	Cerro Gordo	11	57	29
Emery Station	Cerro Gordo	12	57	29
Emery Station	Cerro Gordo	13	81	41
Exira Station	Audubon	CT U-1	16	8
Exira Station	Audubon	CT U-2	17	8
Greater Des Moines Energy Center	Polk	GT1	60	30
Greater Des Moines Energy Center	Polk	GT2	60	30

